

# MEETING SUMMARY | November 28, 2012

## Santa Rosa Plain Technical Advisory Committee

### Meeting in Brief

#### TAC Continuing Refinement of Monitoring Program

The TAC continued the iterative review and refinement process of key monitoring program elements. The Monitoring Working Group (a subcommittee of the full TAC) reported back its initial review of section 4.2 (Monitoring and Modeling) that generally the section seems very comprehensive. The full TAC subsequently noted several additional considerations for the monitoring program on a range of topics.

#### Review of GMP Sections 1 and 5

The TAC discussed and debated key language of section 1 (Introduction and Purpose) with the aim of providing a clear and concise description of the groundwater management planning effort. Additional discussion focused on the influence of AB 3030 requirements, the timeline of management efforts and the importance of linking DWR requirements to how draft GMP sections are presented to the Basin Advisory Panel. Due to time constraints at the November meeting, the TAC will review and provide feedback on section 5 (Management Plan Implementation) at the December 12 meeting.

#### Meeting Time Extension

The TAC agreed to extend monthly meetings by one hour in order to advance GMP development efforts in 2013. Future meetings will take place from 9 to 12 on the fourth Wednesday of each month.

<http://www.scwa.gov/srgroundwater/>

#### Next Meetings

Upcoming TAC Meeting Dates: December 12, 2012 and January 23, 2013 at the Sonoma County Water Agency office, 404 Aviation Blvd, Santa Rosa.

#### Action Items

Timeframe	Name	Action Item
Early December	Project Team	Distribute latest iteration of Water Resources Section of the GMP
Early December	TAC Members	Review section 5 and latest iteration of the Water Resources Section in preparation for the Dec 12 TAC meeting

#### Monitoring Program

The Monitoring Working Group (a subcommittee of the full TAC) presented its initial review of draft section 4.2 (Monitoring and Modeling) and the existing CASGEM monitoring effort following the October Basin Advisory Panel meeting. The group is not a decision making body. The group presented its efforts to the full TAC for discussion and refinement. The full TAC noted the following additional considerations for the monitoring program, through discussion and with written notes posted on the wall during the meeting:

#### *Surface water/groundwater interaction and water quality*

- Key area of interest to several TAC members; area of opportunity particularly with the model
- This area is generally lacking in GMPs on a statewide basis
- The issue is significant due to relationship with wetlands and ecosystem values
- Could be developed as a differentiator in the GMP
- Evaluate surface water capture and recharge
- Include 3-dimensional geospatial representation of data
- Incorporate water quality sampling of high flow surface water and storm water flows on project specific basis for recharge
- Need to identify what surface water monitoring is currently conducted
- Consider impacts of pharmaceutical products and personal care products in tertiary treated water

#### *Groundwater elevation*

- Identify deep well monitoring locations in the Santa Rosa Plain
- Expand and emphasize need for multi-depth monitoring wells
- Link surface/groundwater elevation and avoid influence of neighboring wells

#### *Groundwater recharge*

- Map and protect recharge areas from land use activities that may reduce recharge or impact water quality
- Map underlying geology to show recharge areas
- Determine recharge potential in low lying areas
- Overlay records from widespread gauges (citizen reporting)
- Link stream flow gauges to well levels (where available) and seepage runs
- Identify priority areas for seepage runs
- Integrate feedback and revise recharge maps

#### *Aquifer monitoring*

- Distinguish goals for different aquifers and/or geological settings; prioritize monitoring of sites as needed
- Map aquifer properties
- Monitor where drawdown is occurring
- Integrate PRMD well permitting data to improve understanding of aquifer properties

#### *Groundwater quality*

- The GMP only specifies groundwater quality parameters
- Surface water quality will be captured in surface water/-groundwater interaction monitoring on a site specific basis

#### *Rainfall monitoring*

- Consider automated versus volunteer gauges to develop better quality and more continuous data
- Link rainfall monitoring to recharge areas

#### *GMP maps*

- Improve color schemes and legends on maps for ease of interpretation

### *Coordination*

- Coordinate monitoring efforts with existing local agency programs
- Ensure consistency with the Russian River data management framework

### *Additional data collection considerations*

- Obtain additional monitoring data through encouraging voluntary participation of private well owners
- Target wells in recharge areas
- Develop flexible framework of minimum data quality thresholds for accepting data
- Distinguish between hydrologic monitoring and project specific monitoring
- Consider groundwater level trends more important than absolute measurement
- Plot water levels versus precipitation
- Ensure precision with any subsidence monitoring
- Consider minimum data needs versus wants
- Consider the required density of data and the number of monitored wells
- Review geography of data gaps
- Add Pepperwood gauge (#64)
- Consider State Department of Public Health, DWR Well Logs and PRMD records as an additional data source, especially for aquifer test data and parameters, to be developed as an optional data mining project in the plan
- Identify water quality constituents of interest or emerging concern

## **GMP Section 1 - Introduction and Purpose**

The TAC discussed and debated key language of section 1 with the aim of providing a clear and concise description of the groundwater management planning effort. One member volunteered to incorporate feedback provided during the discussion to refine the main vision statement of the GMP and subsequently for incorporation and review into the next section iteration. Additional discussion focused on the influence of AB 3030 requirements, the timeline of management efforts, clarification of acronyms, and the importance of linking DWR requirements to how draft GMP sections are presented to the Basin Advisory Panel.

## **GMP Section 5 - Management Plan Implementation**

Section 5 describes the approach and organizational structure for GMP implementation and links to planned actions described in section 4. The Project Team provided section 5 to the TAC in a preliminary, partial draft form to give the group some sense of how the GMP provides a roadmap and plan for implementation of the Groundwater Management Program once the Plan is adopted. Section 5 will be completed following completion of Sections 1 through 4 later in 2013.

One member raised the issue of the Basin Advisory Panel's ability to control implementation once the GMP is adopted by public agencies. In response, several members voiced continued support for lead agency participation in the Panel and also noted how the Board-approved resolution included language to address stakeholder concerns. The group emphasized the need for continued public involvement to ensure collaborative engagement, widespread support for management, and integration of new information through future review processes.

Due to time constraints at the November meeting, the TAC will review and provide feedback on section 5 in December.

## **Meeting Time Extension**

The TAC agreed to extend monthly meetings by one hour in order to advance GMP development efforts in 2013. Future meetings will take place from 9 to 12 on the fourth Wednesday of each month.

## **TAC Meeting Attendees**

### **TAC Members**

Matt O'Connor  
Mark Calhoon  
Gary Mickelson  
Kevin Cullinen  
Rocky Vogler  
Dawna Gallagher  
Jane Nielson  
Joe Gaffney  
Michael Burns  
Lisa Micheli

### **Project Team**

Project Manager, Marcus Trotta  
Technical Consultant, Tim Parker  
TAC Facilitator, Rich Wilson

### **TAC Visitors**

Karl Adelman  
Tom Hammond